

Leaching Index

Anderson County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
7676	Welda	Welda silt loam, 0 to 2 percent slopes	C	0.75	0.37	Low
7677	Welda	Welda silt loam, 2 to 5 percent slopes	C	0.75	0.37	Low
8151	Lanton	Lanton silty clay loam, occasionally flooded	C	3.00	0.37	High
8160	Leanna	Leanna silt loam, occasionally flooded	D	3.00	0.32	High
8201	Osage	Osage silty clay loam, occasionally flooded	D	3.00	0.37	High
8203	Osage	Osage silty clay, occasionally flooded	D	2.50	0.28	High
8300	Verdigris	Verdigris silt loam, channeled, 0 to 2 percent slopes, frequently flooded	B	3.00	0.37	Low
8301	Verdigris	Verdigris silt loam, 0 to 1 percent slopes, frequently flooded	B	3.00	0.37	Low
8302	Verdigris	Verdigris silt loam, occasionally flooded	B	3.00	0.32	Low
8501	Mason	Mason silt loam, rarely flooded	B	3.00	0.37	Low
8520	Mayes	Mayes silty clay loam, 0 to 1 percent slopes	D	3.00	0.43	High
8651	Clareson	Clareson complex, 1 to 3 percent slopes	C	3.00	0.32	Low
8661	Eram	Clareson-Eram silty clay loams, 3 to 15 percent slopes	C	2.00	0.37	Low
8661	Clareson	Clareson-Eram silty clay loams, 3 to 15 percent slopes	C	3.00	0.32	Low
8663	Clareson	Clareson-Rock outcrop complex, 3 to 15 percent slopes	C	3.00	0.32	Low
8671	Bates	Collinsville complex, 3 to 15 percent slopes	B	2.50	0.32	Low
8671	Collinsville	Collinsville complex, 3 to 15 percent slopes	D	2.00	0.28	Low
8673	Bates	Collinsville-Bates complex, 3 to 15 percent slopes	B	2.50	0.32	Low
8673	Collinsville	Collinsville-Bates complex, 3 to 15 percent slopes	D	2.00	0.28	Low
8679	Dennis	Dennis silt loam, 1 to 3 percent slopes	C	2.00	0.43	High
8687	Dennis	Dennis silty clay loam, 1 to 3 percent slopes, eroded	C	1.25	0.37	High
8695	Dennis	Dennis-Bates complex, 3 to 7 percent slopes	C	2.00	0.43	Intermediate
8695	Bates	Dennis-Bates complex, 3 to 7 percent slopes	B	2.50	0.32	Intermediate

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8729	Eram	Eram silt loam, 1 to 3 percent slopes	C	2.50	0.37	High
8731	Eram	Eram silt loam, 3 to 7 percent slopes	C	2.50	0.37	High
8733	Eram	Eram silty clay loam, 1 to 3 percent slopes	C	3.00	0.37	High
8735	Eram	Eram silty clay loam, 3 to 7 percent slopes	C	3.00	0.37	High
8737	Eram	Eram silty clay loam, 3 to 7 percent slopes, eroded	C	1.25	0.37	High
8739	Eram	Eram soils, 1 to 3 percent slopes, eroded	C	1.50	0.37	High
8741	Eram	Eram soils, 3 to 7 percent slopes, eroded	C	1.50	0.37	High
8743	Eram	Eram-Apperson silty clay loams, 3 to 7 percent slopes	C	2.50	0.37	High
8743	Apperson	Eram-Apperson silty clay loams, 3 to 7 percent slopes	C	3.00	0.37	High
8745	Clareson	Eram-Clareson complex, 1 to 15 percent slopes	C	3.50	0.32	High
8745	Eram	Eram-Clareson complex, 1 to 15 percent slopes	C	2.50	0.37	High
8749	Eram	Eram-Collinsville complex, 5 to 15 percent slopes	C	2.50	0.37	High
8749	Collinsville	Eram-Collinsville complex, 5 to 15 percent slopes	D	2.00	0.28	High
8753	Eram	Eram-Gullied land complex, 3 to 7 percent slopes	C	1.25	0.37	High
8755	Lebo	Eram-Lebo silty clay loams, 5 to 20 percent slopes	B	2.50	0.32	High
8755	Eram	Eram-Lebo silty clay loams, 5 to 20 percent slopes	C	2.00	0.37	High
8763	Talihina	Eram-Talihina silty clay loams, 5 to 20 percent slopes	D	2.00	0.32	High
8763	Eram	Eram-Talihina silty clay loams, 5 to 20 percent slopes	C	2.50	0.37	High
8767	Eram	Eram-Verdigris complex, 0 to 8 percent slopes	C	3.00	0.37	High
8767	Verdigris	Eram-Verdigris complex, 0 to 8 percent slopes	B	3.00	0.32	High
8775	Kenoma	Kenoma silt loam, 1 to 3 percent slopes	D	3.25	0.43	High

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8779	Kenoma	Kenoma silty clay loam, 1 to 3 percent slopes, eroded	D	3.25	0.37	High
8780	Kenoma	Kenoma-Olpe complex, 3 to 7 percent slopes	D	3.25	0.43	High
8780	Olpe	Kenoma-Olpe complex, 3 to 7 percent slopes	C	2.00	0.37	High
8789	Lebo	Lebo channery silty clay loam, 15 to 30 percent slopes	B	2.50	0.37	Low
8791	Lebo	Lebo-Rock outcrop complex, 20 to 40 percent slopes	B	2.50	0.32	Low
8847	Okemah	Okemah silt loam, 0 to 3 percent slopes	C	2.00	0.43	Low
8849	Olpe	Olpe gravelly silt loam, 3 to 15 percent slopes	C	1.50	0.43	Low
8909	Talihina	Stony land-Talihina complex, 15 to 45 percent slopes	D	2.00	0.32	Low
8911	Summit	Summit silty clay loam, 1 to 3 percent slopes	C	3.00	0.37	Intermediate
8912	Summit	Summit silty clay loam, 3 to 7 percent slopes	C	3.00	0.37	Intermediate
8913	Summit	Summit soils, 1 to 5 percent slopes, eroded	C	1.50	0.37	Intermediate
8915	Summit	Summit-Eram complex, 3 to 7 percent slopes, eroded	C	3.00	0.37	Intermediate
8915	Eram	Summit-Eram complex, 3 to 7 percent slopes, eroded	C	1.50	0.37	Intermediate
8961	Woodson	Woodson silt loam, 0 to 1 percent slopes	D	2.50	0.49	High
8962	Woodson	Woodson silt loam, 1 to 3 percent slopes	D	2.50	0.49	High
8965	Woodson	Woodson soils, 1 to 3 percent slopes, eroded	D	1.50	0.43	High
MT250B	Aliceville	Aliceville silty clay loam, 1 to 3 percent slopes	D	4.49	0.28	Intermediate
MT487C	Eram	Eram-Aliceville complex, 3 to 8 percent slopes	D	2.00	0.37	High
MT487C	Aliceville	Eram-Aliceville complex, 3 to 8 percent slopes	C	4.49	0.32	High
MT850B	Wagstaff	Wagstaff silty clay loam, 1 to 3 percent slopes	D	5.00	0.28	Low
MT857C	Wagstaff	Wagstaff-Shidler complex, 1 to 8 percent slopes	C	5.00	0.32	Low
MT857C	Shidler	Wagstaff-Shidler complex, 1 to 8 percent slopes	D	3.00	0.32	Low

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This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual.

The values 1, 2 and 3 are derived by using the same algorithm included in the SSSD RV Generator to produce values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining signup scores for National ranking subfactor N2 without further code conversion.